

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081319\
 Data File : P0059244.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 13 Aug 2019 15:13
 Operator : SM/SJ
 Sample : K4319-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 CONCRETE-CONDUIT

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 13 16:16:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 27 06:49:05 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.148	3.510	1077255	859417	25.526	21.512
2)	SA Decachlor...	9.647	8.387	1415068	1013867	26.130	25.685
Target Compounds							
3)	L1 AR-1016-1	5.331	0.000	4082	0	2.178	N.D. #
4)	L1 AR-1016-2	5.348	0.000	625	0	0.227	N.D. #
5)	L1 AR-1016-3	5.418	0.000	6001	0	3.534	N.D. #
7)	L1 AR-1016-5	5.864	0.000	2878	0	2.009	N.D. #
8)	L2 AR-1221-1	4.449	0.000	10036	0	22.094	N.D. #
9)	L2 AR-1221-2	4.449	0.000	10036	0	29.110	N.D. #
10)	L2 AR-1221-3	4.528	0.000	13923	0	12.697	N.D. #
11)	L3 AR-1232-1	4.528	0.000	13923	0	15.422	N.D. #
12)	L3 AR-1232-2	5.137	0.000	13008	0	26.444	N.D. #
13)	L3 AR-1232-3	5.348	0.000	625	0	0.583	N.D. #
15)	L3 AR-1232-5	5.604	0.000	1159	0	2.839	N.D. #
16)	L4 AR-1242-1	5.331	0.000	4082	0	3.188	N.D. #
17)	L4 AR-1242-2	5.348	0.000	625	0	0.330	N.D. #
18)	L4 AR-1242-3	5.418	0.000	6001	0	5.116	N.D. #
20)	L4 AR-1242-5	6.223	0.000	3712	0	3.161	N.D. #
21)	L5 AR-1248-1	5.331	0.000	4082	0	4.037	N.D. #
22)	L5 AR-1248-2	5.604	0.000	1159	0	0.802	N.D. #
23)	L5 AR-1248-3	5.864	0.000	2878	0	1.752	N.D. #
24)	L5 AR-1248-4	6.223	0.000	3712	0	1.833	N.D. #
25)	L5 AR-1248-5	6.223	0.000	3712	0	1.923	N.D. #
26)	L6 AR-1254-1	6.151	0.000	10065	0	4.263	N.D. #
27)	L6 AR-1254-2	6.411	0.000	20905	0	5.424	N.D. #
28)	L6 AR-1254-3	6.747	0.000	2012	0	0.497	N.D. #
29)	L6 AR-1254-4	7.011	0.000	20744	0	5.761	N.D. #
30)	L6 AR-1254-5	7.427	0.000	21444	0	5.916	N.D. #
31)	L7 AR-1260-1	6.885	0.000	18781	0	6.523	N.D. #
32)	L7 AR-1260-2	7.190	0.000	4897	0	1.177	N.D. #
33)	L7 AR-1260-3	7.516	0.000	1585	0	0.425	N.D. #
34)	L7 AR-1260-4	7.722	0.000	29230	0	8.577	N.D. #
35)	L7 AR-1260-5	8.029	7.058	79551	46854	10.816	8.700
36)	L8 AR-1262-1	7.516	0.000	1585	0	0.314	N.D. #
37)	L8 AR-1262-2	8.029	7.058	79551	46854	9.995	8.299
38)	L8 AR-1262-3	8.336	7.399	8335	13373	1.640	5.419 #
39)	L8 AR-1262-4	8.400	7.399	29415	13373	7.762	3.150 #
40)	L8 AR-1262-5	9.000	0.000	9760	0	4.248	N.D. #
41)	L9 AR-1268-1	8.336	7.399	8335	13373	0.746	1.642 #
42)	L9 AR-1268-2	8.400	7.399	29415	13373	3.132	1.765 #
43)	L9 AR-1268-3	8.617	0.000	5186	0	0.628	N.D. #
44)	L9 AR-1268-4	9.000	0.000	9760	0	3.265	N.D. #
45)	L9 AR-1268-5	9.391	0.000	5381	0	0.251	N.D. #

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Acq On : 13 Aug 2019 15:13
Operator : SM/SJ
Sample : K4319-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
CONCRETE-CONDUIT

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 16:16:10 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 27 06:49:05 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

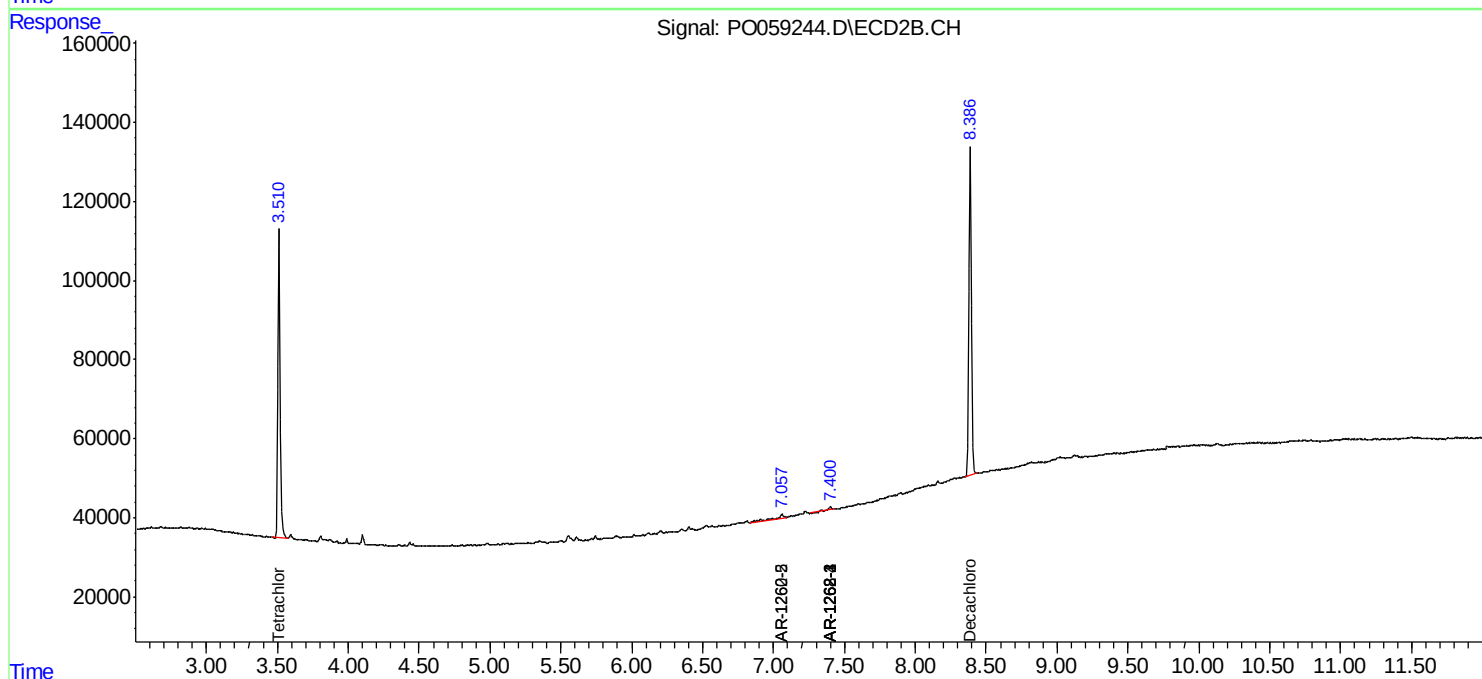
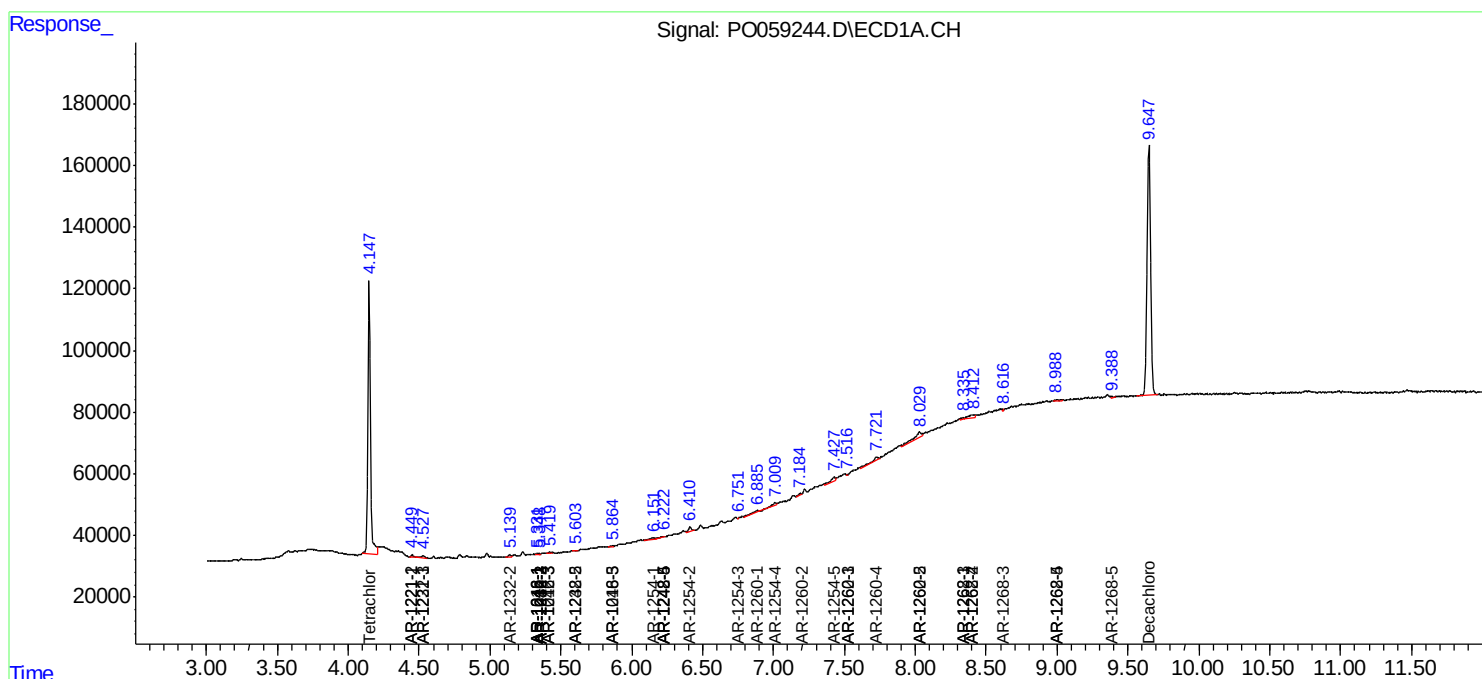
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

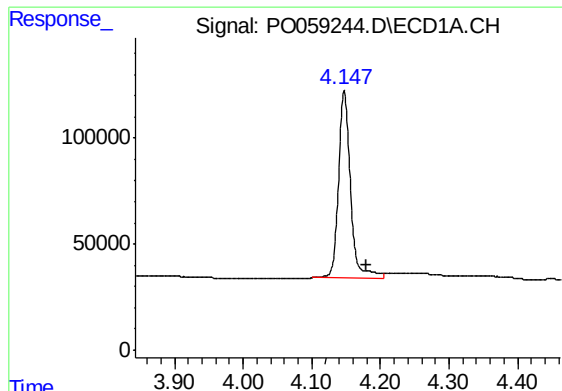
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081319\
Data File : PO059244.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Aug 2019 15:13
Operator : SM/SJ
Sample : K4319-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
CONCRETE-CONDUIT

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 16:16:10 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072819.M
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QLast Update : Sat Jul 27 06:49:05 2019
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

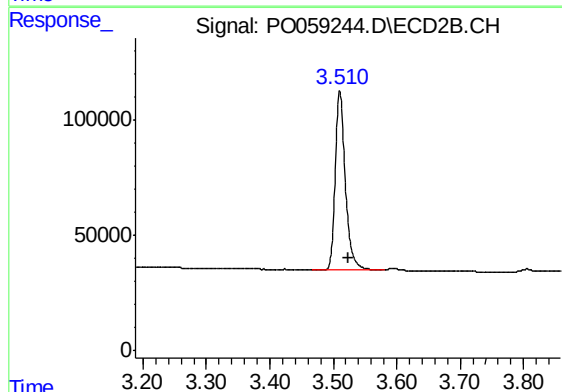




#1 Tetrachloro-m-xylene

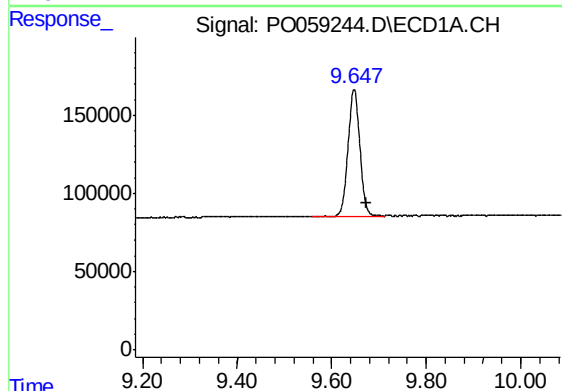
R.T.: 4.148 min
Delta R.T.: -0.032 min
Response: 1077255
Conc: 25.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-CONDUIT



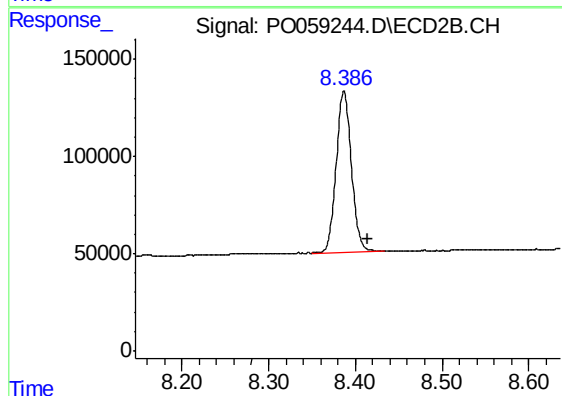
#1 Tetrachloro-m-xylene

R.T.: 3.510 min
Delta R.T.: -0.014 min
Response: 859417
Conc: 21.51 ng/ml



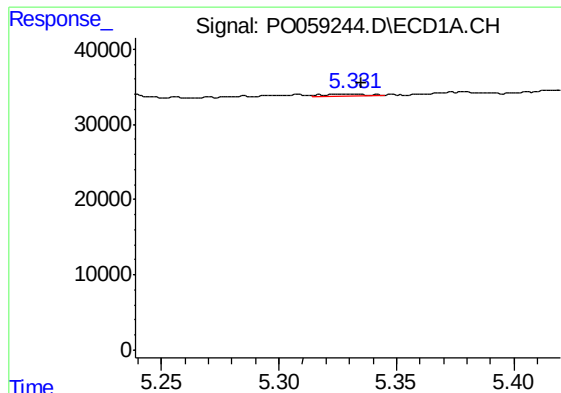
#2 Decachlorobiphenyl

R.T.: 9.647 min
Delta R.T.: -0.025 min
Response: 1415068
Conc: 26.13 ng/ml



#2 Decachlorobiphenyl

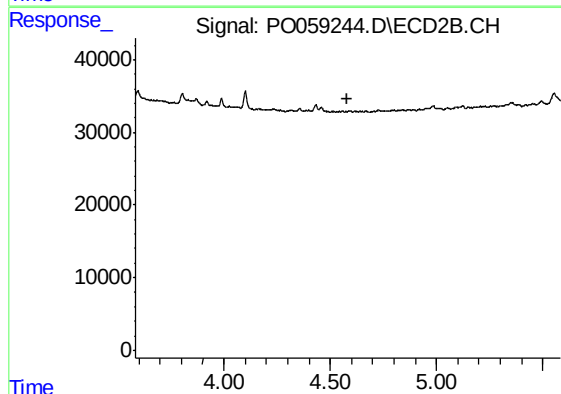
R.T.: 8.387 min
Delta R.T.: -0.027 min
Response: 1013867
Conc: 25.69 ng/ml



#3 AR-1016-1

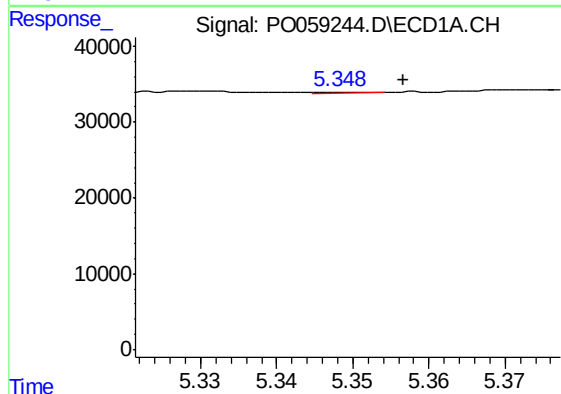
R.T.: 5.331 min
Delta R.T.: -0.004 min
Response: 4082
Conc: 2.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-CONDUIT



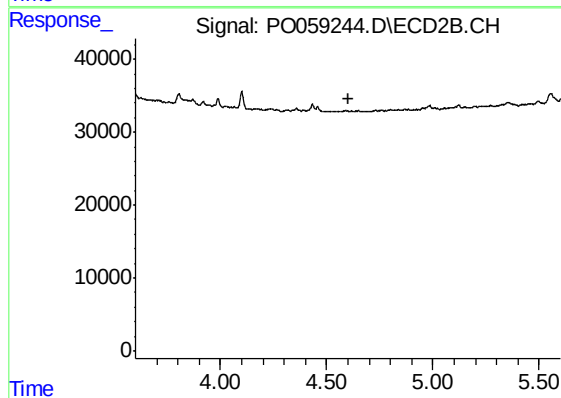
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



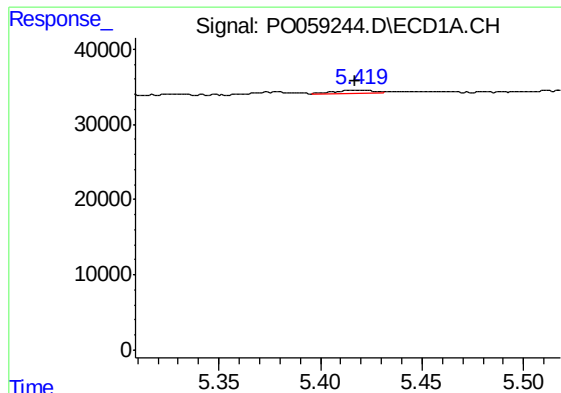
#4 AR-1016-2

R.T.: 5.348 min
Delta R.T.: -0.009 min
Response: 625
Conc: 0.23 ng/ml



#4 AR-1016-2

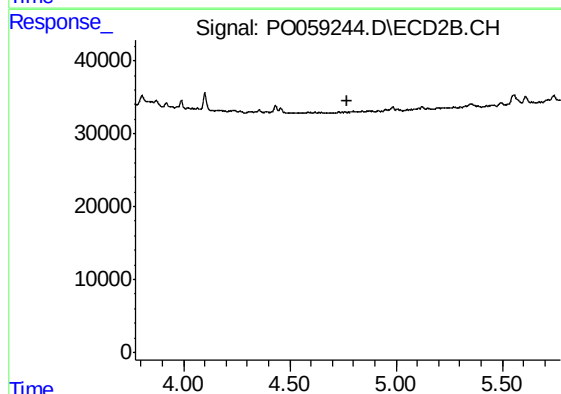
R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



#5 AR-1016-3

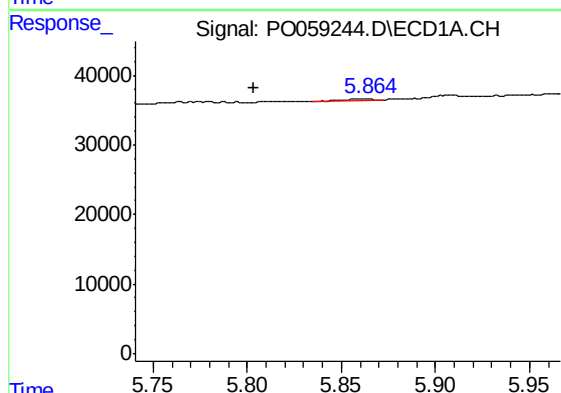
R.T.: 5.418 min
Delta R.T.: 0.001 min
Response: 6001
Conc: 3.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-CONDUIT



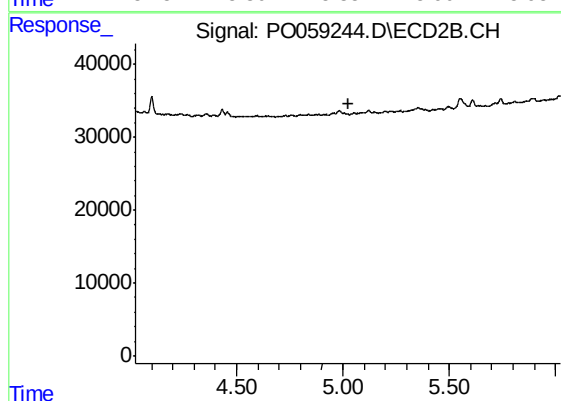
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



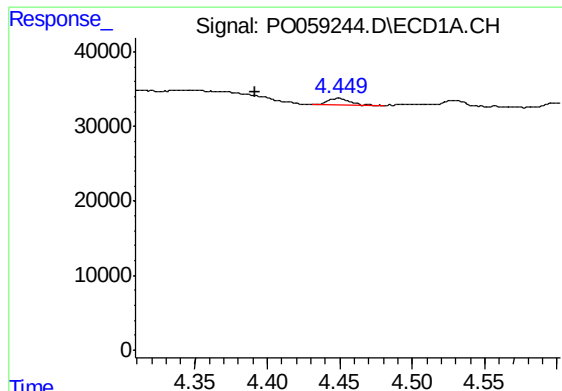
#7 AR-1016-5

R.T.: 5.864 min
Delta R.T.: 0.061 min
Response: 2878
Conc: 2.01 ng/ml



#7 AR-1016-5

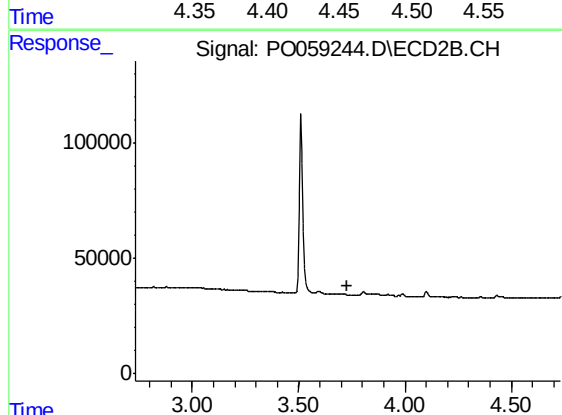
R.T.: 0.000 min
Exp R.T. : 5.024 min
Response: 0
Conc: N.D.



#8 AR-1221-1

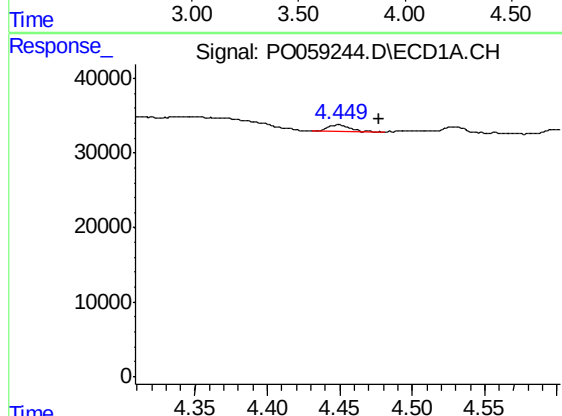
R.T.: 4.449 min
Delta R.T.: 0.058 min
Response: 10036
Conc: 22.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-CONDUIT



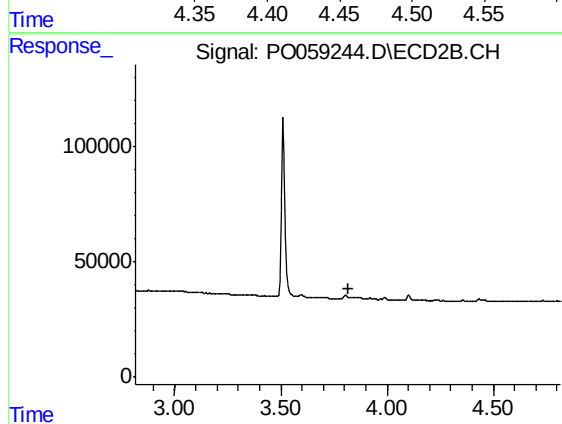
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.732 min
Response: 0
Conc: N.D.



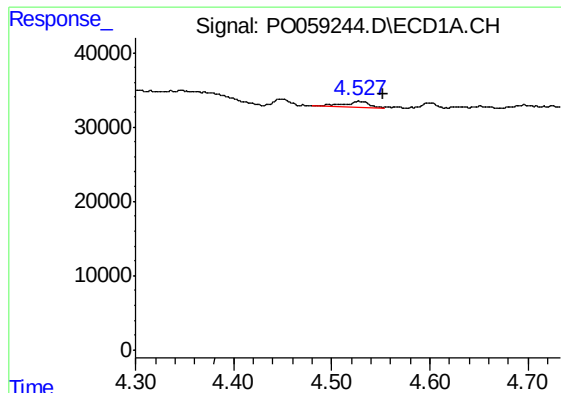
#9 AR-1221-2

R.T.: 4.449 min
Delta R.T.: -0.028 min
Response: 10036
Conc: 29.11 ng/ml



#9 AR-1221-2

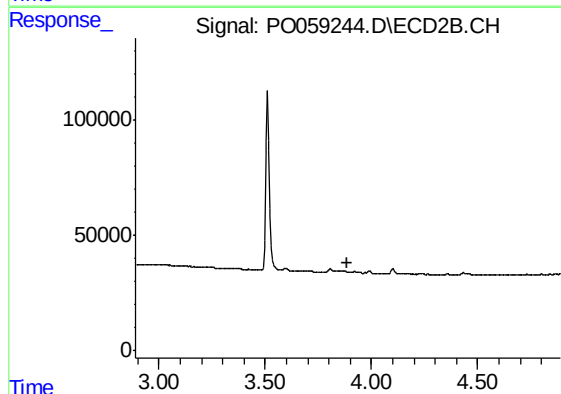
R.T.: 0.000 min
Exp R.T. : 3.816 min
Response: 0
Conc: N.D.



#10 AR-1221-3

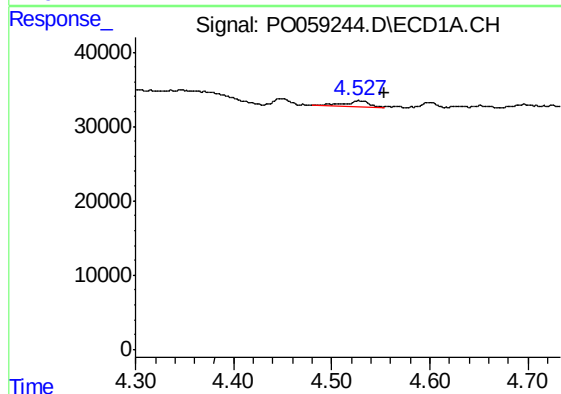
R.T.: 4.528 min
Delta R.T.: -0.025 min
Response: 13923
Conc: 12.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-CONDUIT



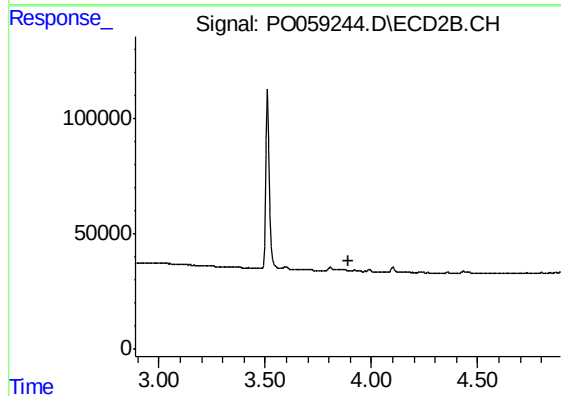
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.889 min
Response: 0
Conc: N.D.



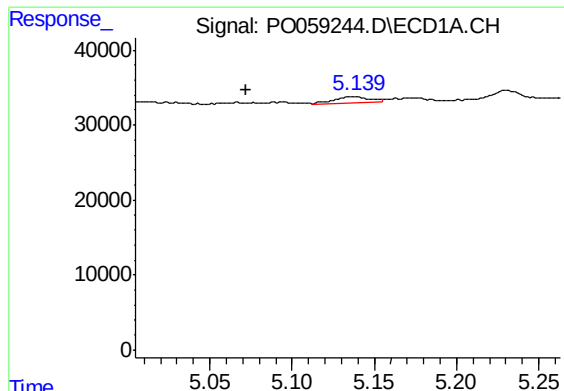
#11 AR-1232-1

R.T.: 4.528 min
Delta R.T.: -0.026 min
Response: 13923
Conc: 15.42 ng/ml



#11 AR-1232-1

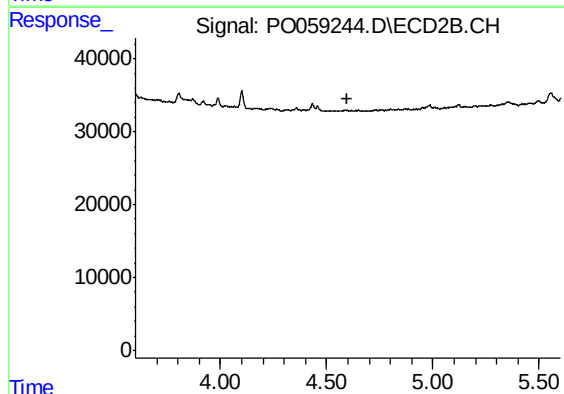
R.T.: 0.000 min
Exp R.T. : 3.889 min
Response: 0
Conc: N.D.



#12 AR-1232-2

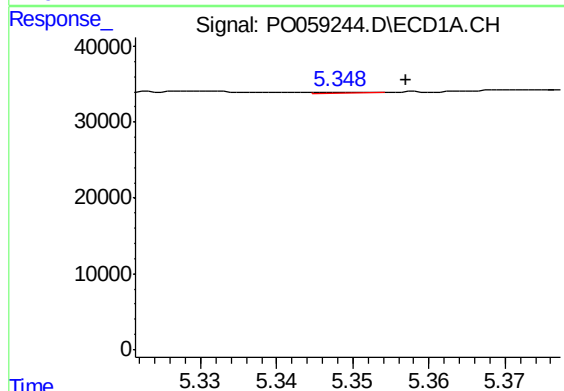
R.T.: 5.137 min
Delta R.T.: 0.065 min
Response: 13008
Conc: 26.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-CONDUIT



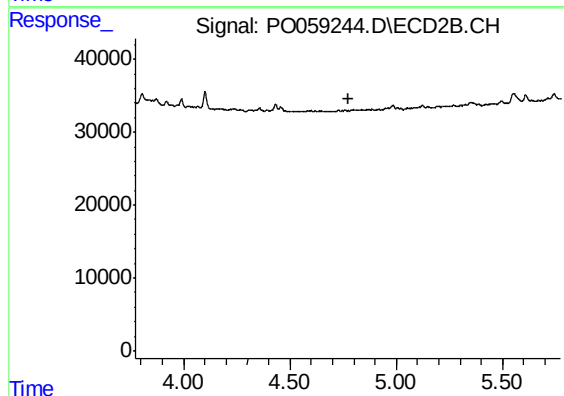
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.600 min
Response: 0
Conc: N.D.



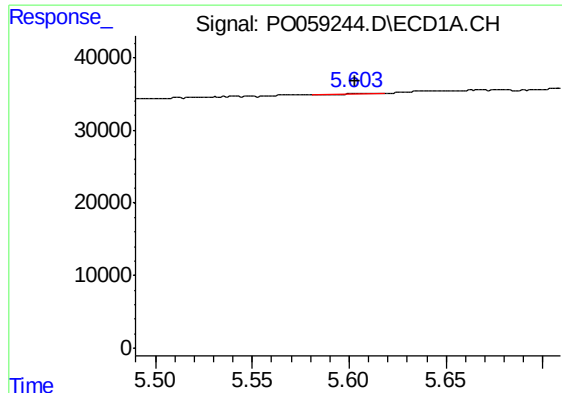
#13 AR-1232-3

R.T.: 5.348 min
Delta R.T.: -0.009 min
Response: 625
Conc: 0.58 ng/ml



#13 AR-1232-3

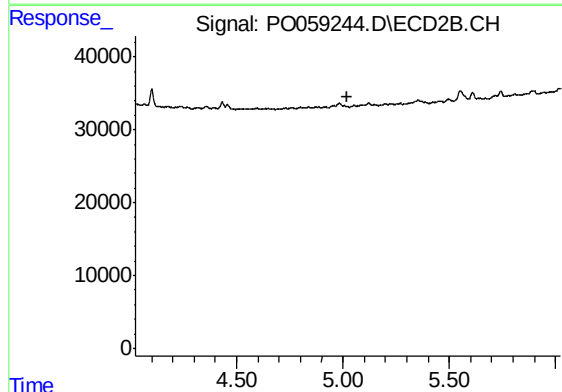
R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



#15 AR-1232-5

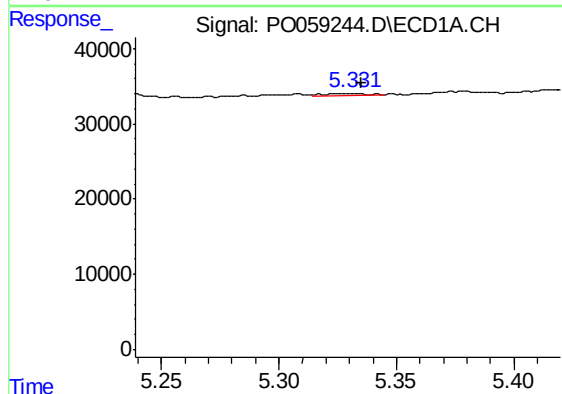
R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 1159
Conc: 2.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-CONDUIT



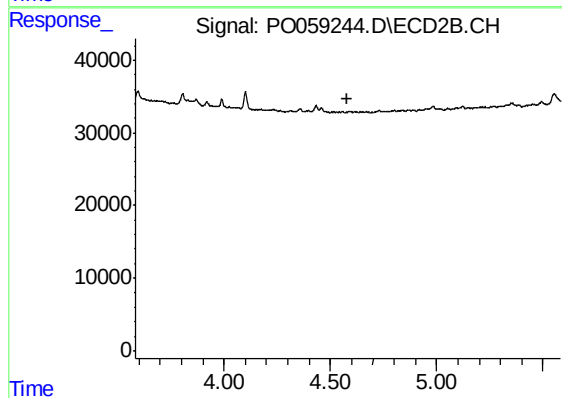
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



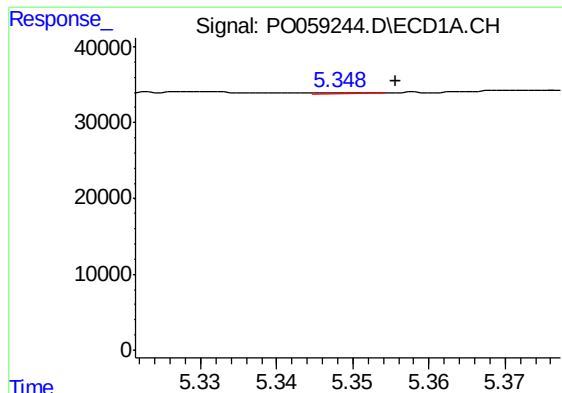
#16 AR-1242-1

R.T.: 5.331 min
Delta R.T.: -0.004 min
Response: 4082
Conc: 3.19 ng/ml



#16 AR-1242-1

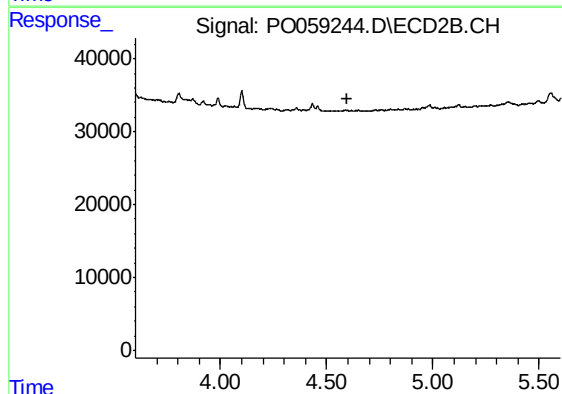
R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



#17 AR-1242-2

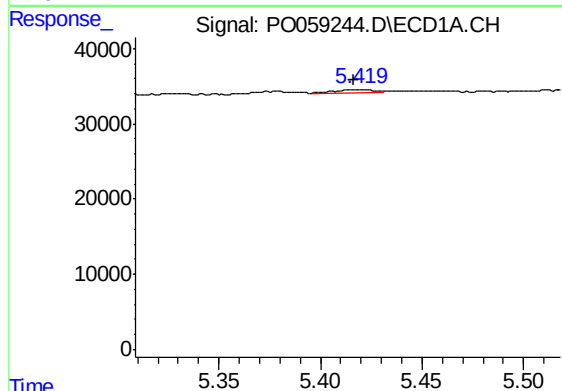
R.T.: 5.348 min
Delta R.T.: -0.007 min
Response: 625
Conc: 0.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-CONDUIT



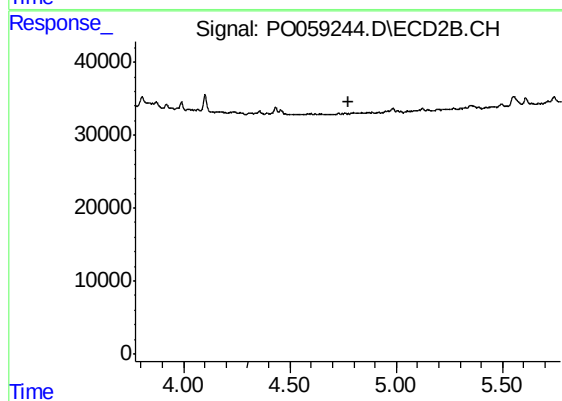
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.600 min
Response: 0
Conc: N.D.



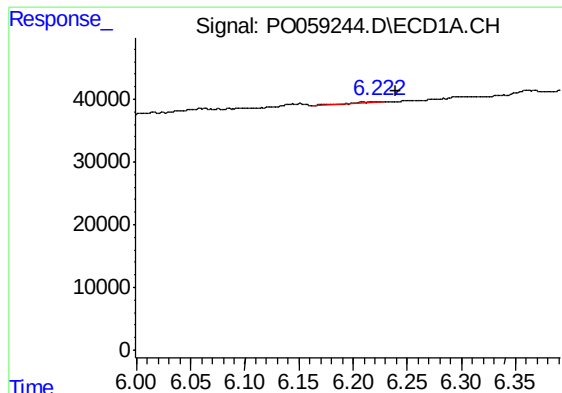
#18 AR-1242-3

R.T.: 5.418 min
Delta R.T.: 0.001 min
Response: 6001
Conc: 5.12 ng/ml



#18 AR-1242-3

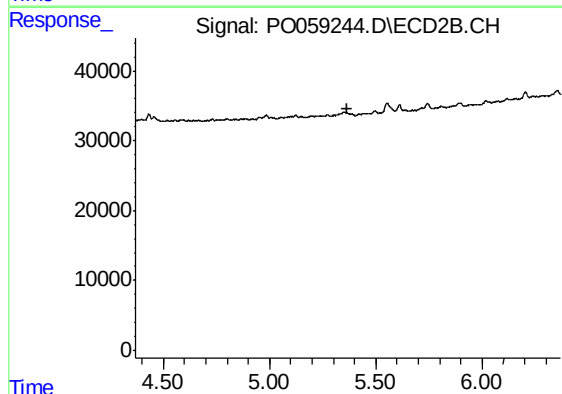
R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



#20 AR-1242-5

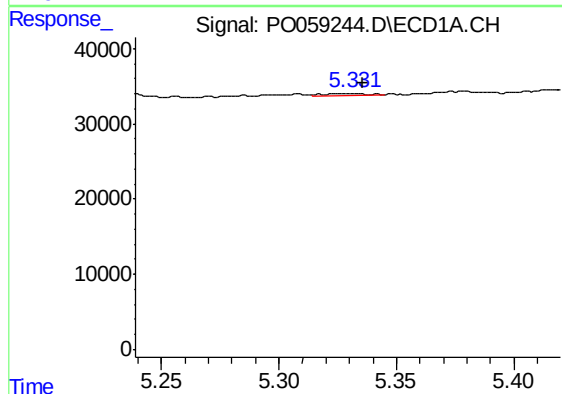
R.T.: 6.223 min
Delta R.T.: -0.016 min
Response: 3712
Conc: 3.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-CONDUIT



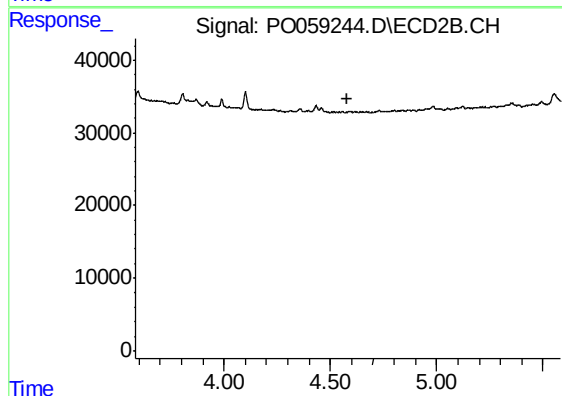
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.368 min
Response: 0
Conc: N.D.



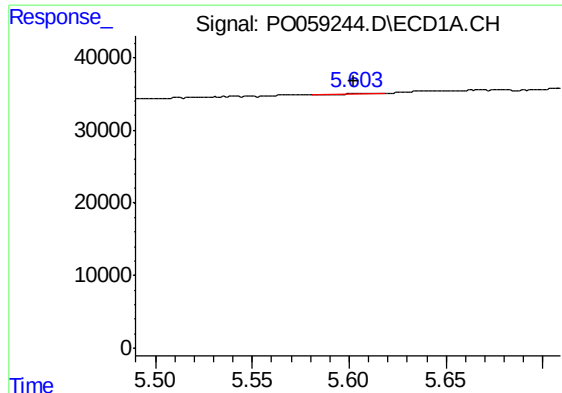
#21 AR-1248-1

R.T.: 5.331 min
Delta R.T.: -0.004 min
Response: 4082
Conc: 4.04 ng/ml



#21 AR-1248-1

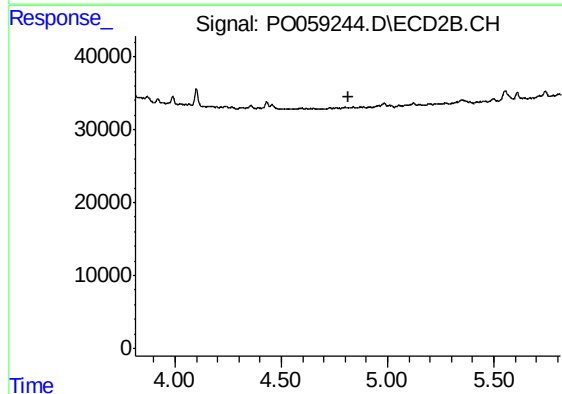
R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



#22 AR-1248-2

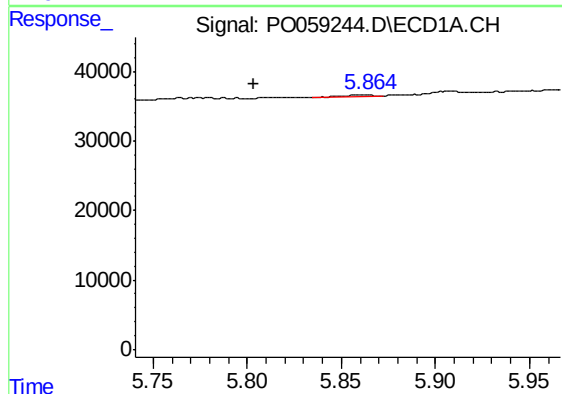
R.T.: 5.604 min
Delta R.T.: 0.001 min
Response: 1159
Conc: 0.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-CONDUIT



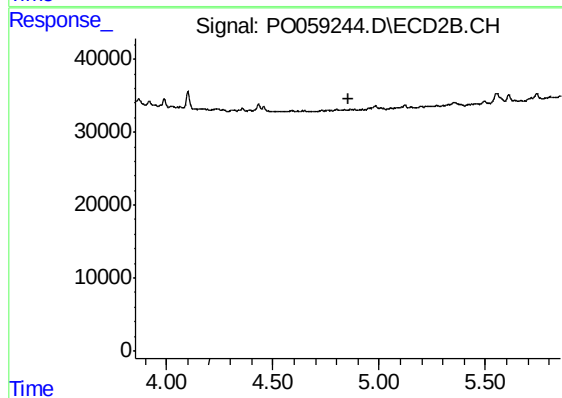
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 4.814 min
Response: 0
Conc: N.D.



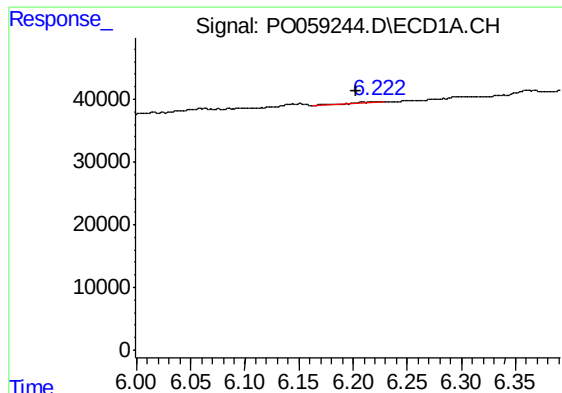
#23 AR-1248-3

R.T.: 5.864 min
Delta R.T.: 0.061 min
Response: 2878
Conc: 1.75 ng/ml



#23 AR-1248-3

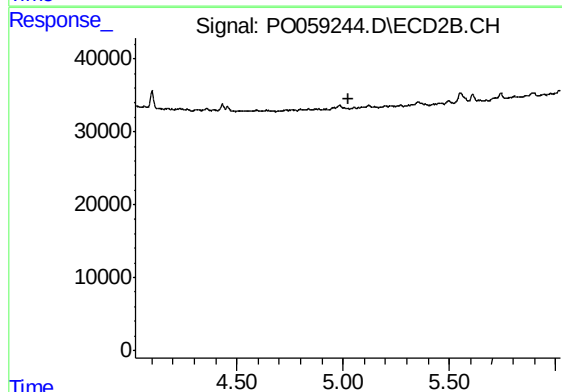
R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



#24 AR-1248-4

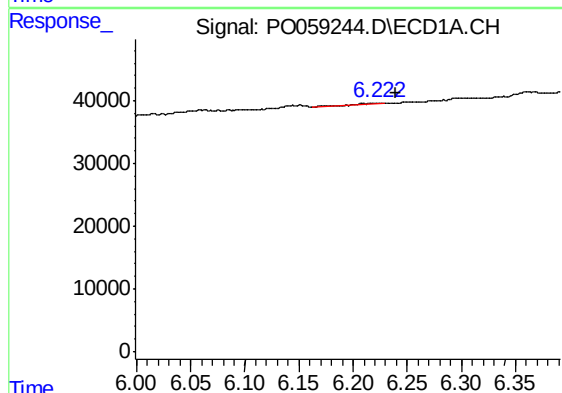
R.T.: 6.223 min
Delta R.T.: 0.020 min
Response: 3712
Conc: 1.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-CONDUIT



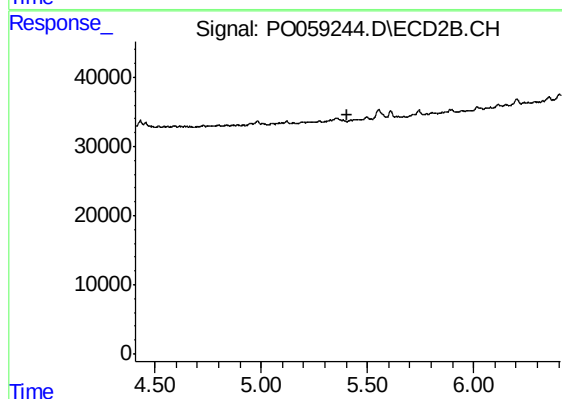
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



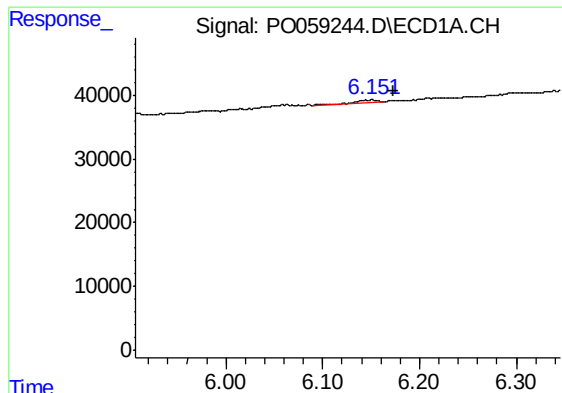
#25 AR-1248-5

R.T.: 6.223 min
Delta R.T.: -0.017 min
Response: 3712
Conc: 1.92 ng/ml



#25 AR-1248-5

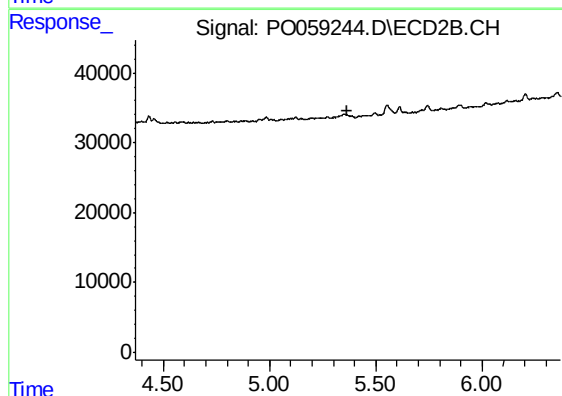
R.T.: 0.000 min
Exp R.T. : 5.409 min
Response: 0
Conc: N.D.



#26 AR-1254-1

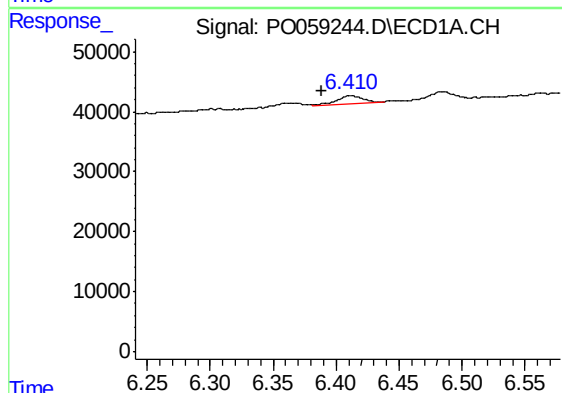
R.T.: 6.151 min
Delta R.T.: -0.023 min
Response: 10065
Conc: 4.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-CONDUIT



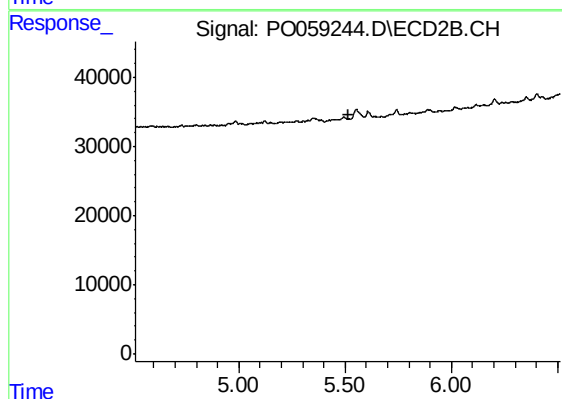
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.368 min
Response: 0
Conc: N.D.



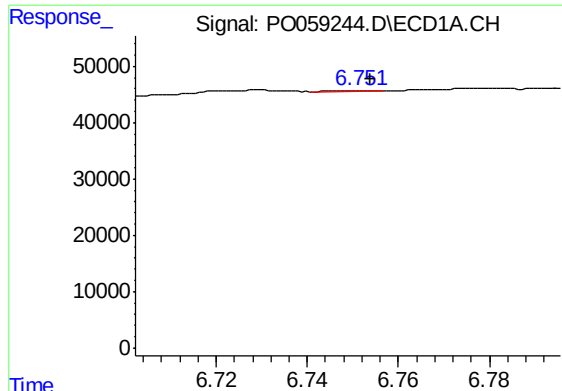
#27 AR-1254-2

R.T.: 6.411 min
Delta R.T.: 0.022 min
Response: 20905
Conc: 5.42 ng/ml



#27 AR-1254-2

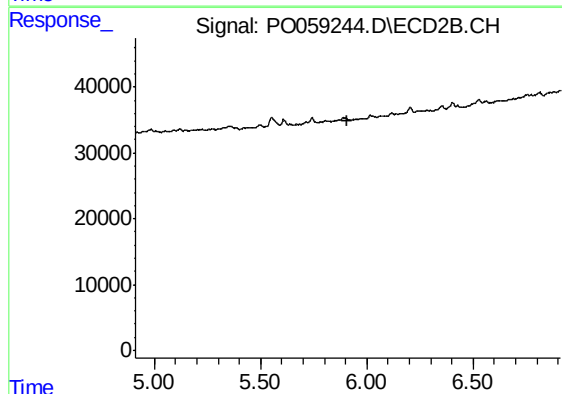
R.T.: 0.000 min
Exp R.T. : 5.514 min
Response: 0
Conc: N.D.



#28 AR-1254-3

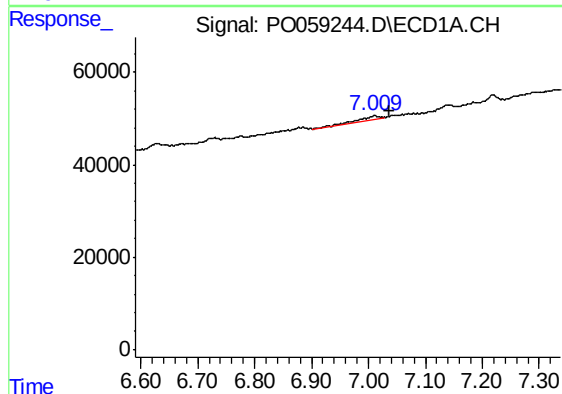
R.T.: 6.747 min
Delta R.T.: -0.007 min
Response: 2012
Conc: 0.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-CONDUIT



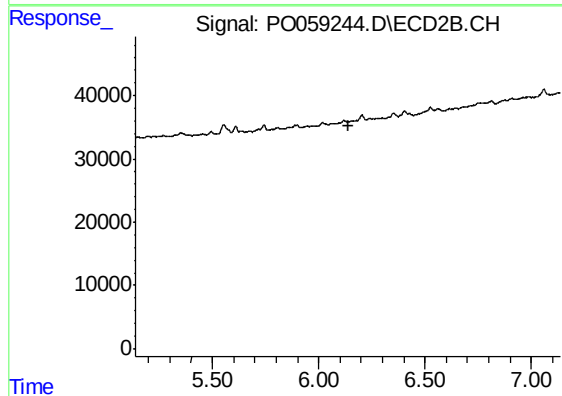
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 5.911 min
Response: 0
Conc: N.D.



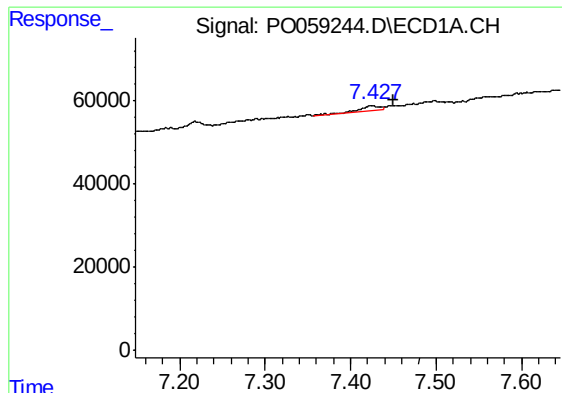
#29 AR-1254-4

R.T.: 7.011 min
Delta R.T.: -0.026 min
Response: 20744
Conc: 5.76 ng/ml



#29 AR-1254-4

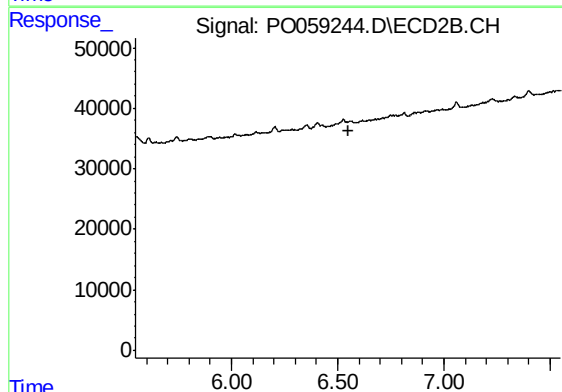
R.T.: 0.000 min
Exp R.T. : 6.138 min
Response: 0
Conc: N.D.



#30 AR-1254-5

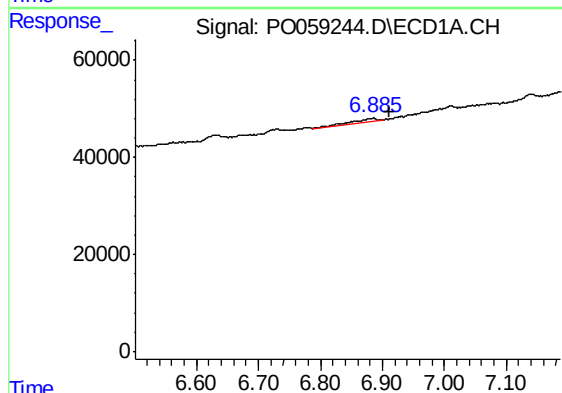
R.T.: 7.427 min
Delta R.T.: -0.024 min
Response: 21444
Conc: 5.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-CONDUIT



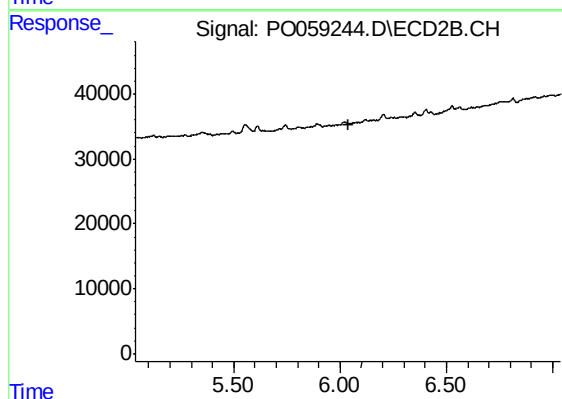
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 6.548 min
Response: 0
Conc: N.D.



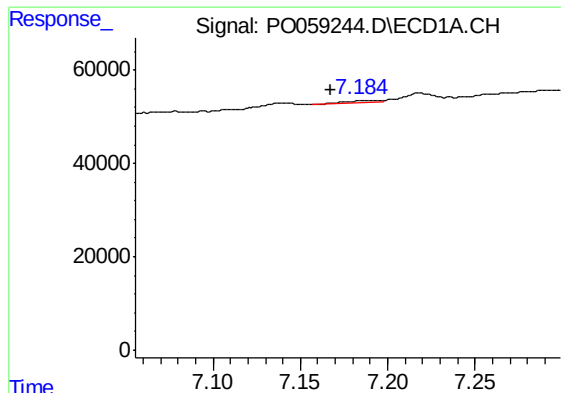
#31 AR-1260-1

R.T.: 6.885 min
Delta R.T.: -0.027 min
Response: 18781
Conc: 6.52 ng/ml



#31 AR-1260-1

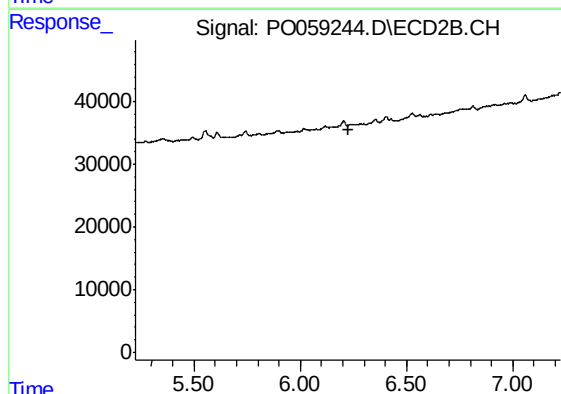
R.T.: 0.000 min
Exp R.T. : 6.037 min
Response: 0
Conc: N.D.



#32 AR-1260-2

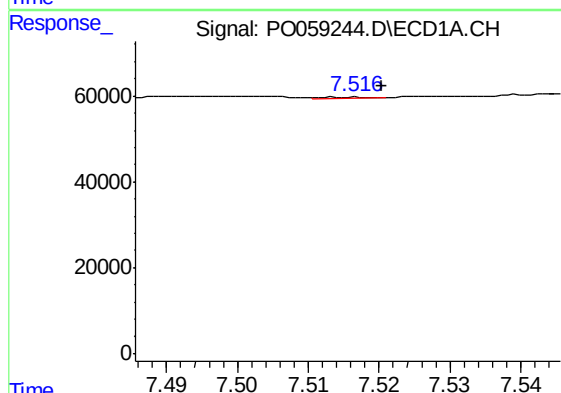
R.T.: 7.190 min
Delta R.T.: 0.022 min
Response: 4897
Conc: 1.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-CONDUIT



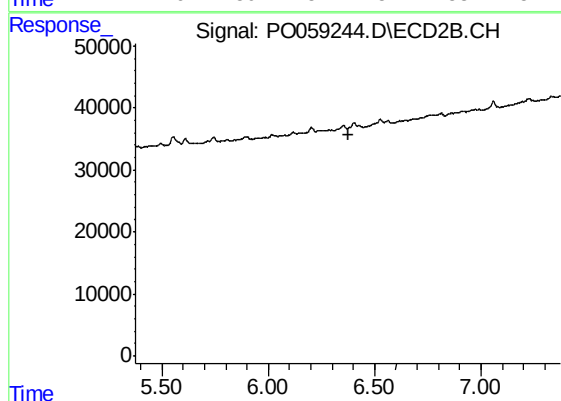
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.225 min
Response: 0
Conc: N.D.



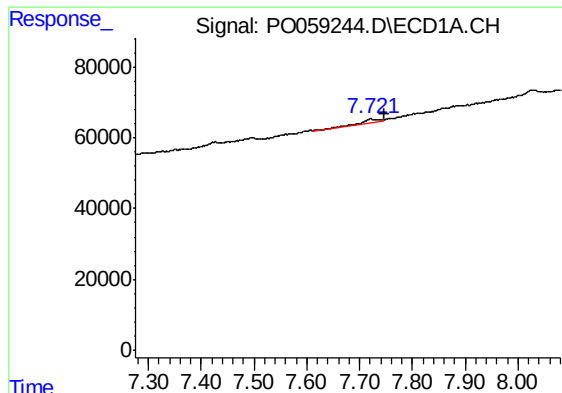
#33 AR-1260-3

R.T.: 7.516 min
Delta R.T.: -0.005 min
Response: 1585
Conc: 0.43 ng/ml



#33 AR-1260-3

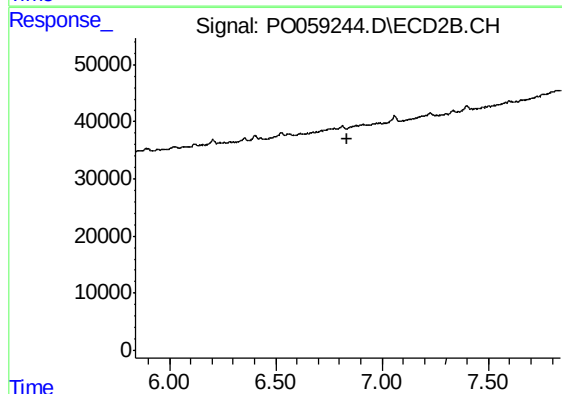
R.T.: 0.000 min
Exp R.T. : 6.375 min
Response: 0
Conc: N.D.



#34 AR-1260-4

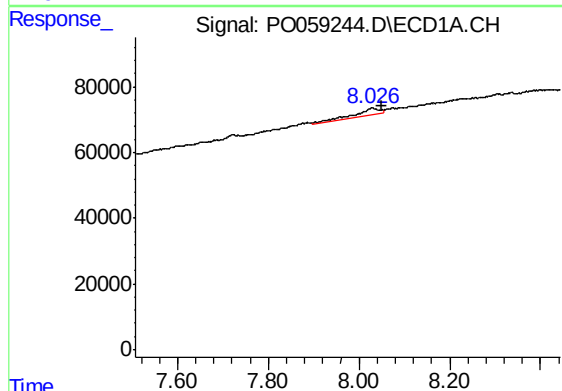
R.T.: 7.722 min
Delta R.T.: -0.025 min
Response: 29230
Conc: 8.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-CONDUIT



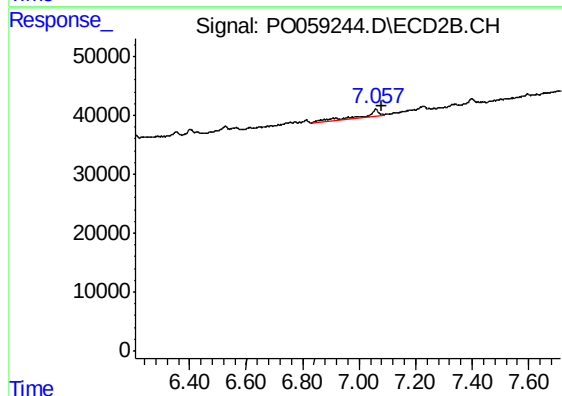
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.839 min
Response: 0
Conc: N.D.



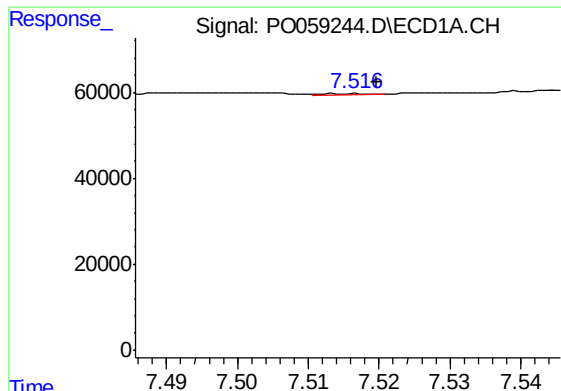
#35 AR-1260-5

R.T.: 8.029 min
Delta R.T.: -0.022 min
Response: 79551
Conc: 10.82 ng/ml



#35 AR-1260-5

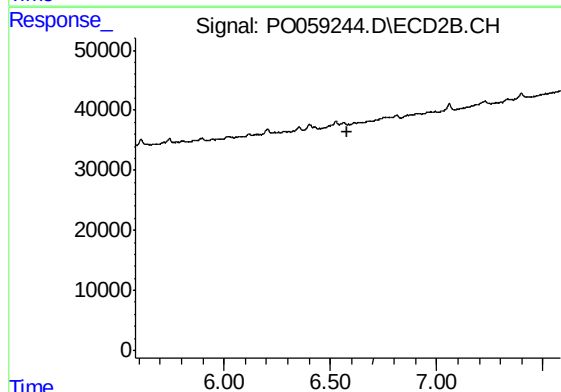
R.T.: 7.058 min
Delta R.T.: -0.023 min
Response: 46854
Conc: 8.70 ng/ml



#36 AR-1262-1

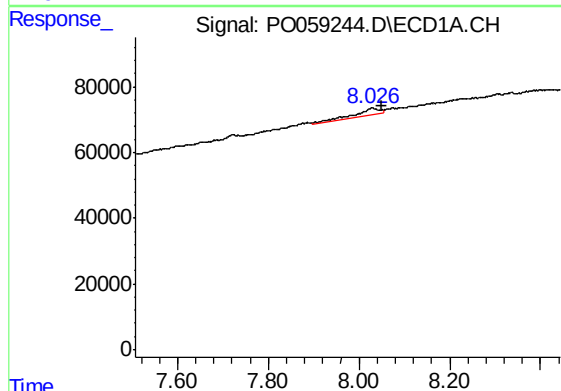
R.T.: 7.516 min
Delta R.T.: -0.004 min
Response: 1585
Conc: 0.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-CONDUIT



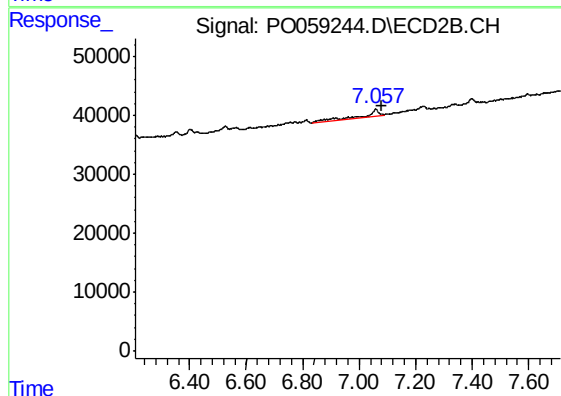
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.583 min
Response: 0
Conc: N.D.



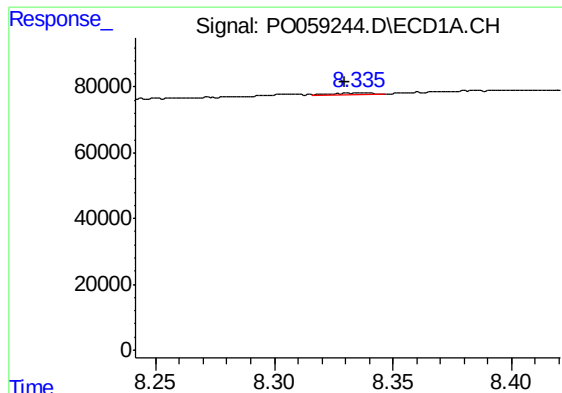
#37 AR-1262-2

R.T.: 8.029 min
Delta R.T.: -0.020 min
Response: 79551
Conc: 9.99 ng/ml



#37 AR-1262-2

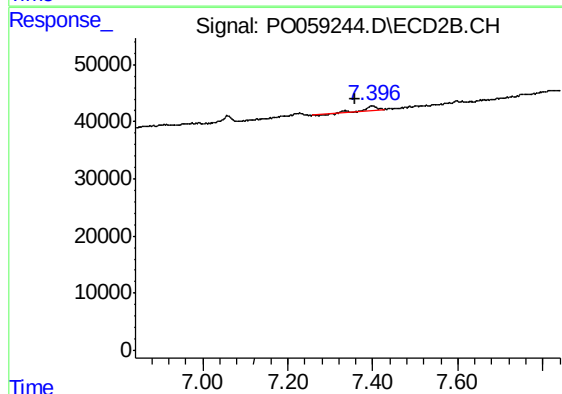
R.T.: 7.058 min
Delta R.T.: -0.023 min
Response: 46854
Conc: 8.30 ng/ml



#38 AR-1262-3

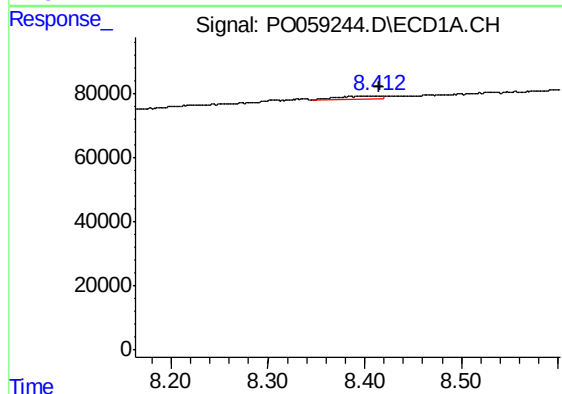
R.T.: 8.336 min
Delta R.T.: 0.007 min
Response: 8335
Conc: 1.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-CONDUIT



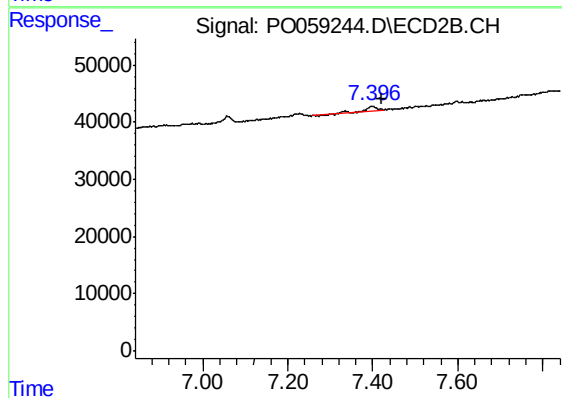
#38 AR-1262-3

R.T.: 7.399 min
Delta R.T.: 0.042 min
Response: 13373
Conc: 5.42 ng/ml



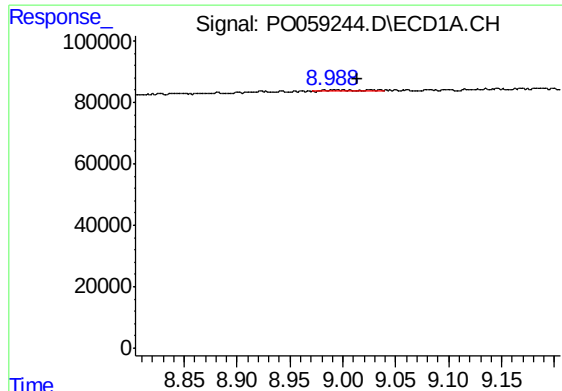
#39 AR-1262-4

R.T.: 8.400 min
Delta R.T.: -0.015 min
Response: 29415
Conc: 7.76 ng/ml



#39 AR-1262-4

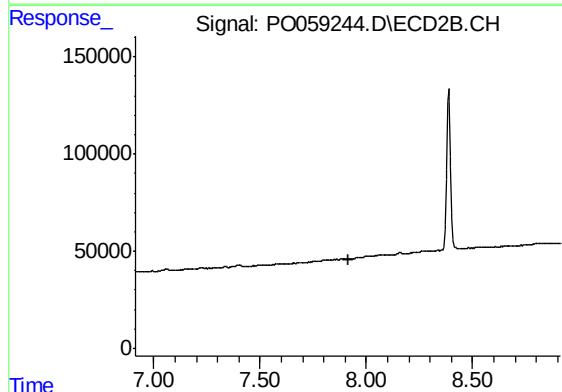
R.T.: 7.399 min
Delta R.T.: -0.024 min
Response: 13373
Conc: 3.15 ng/ml



#40 AR-1262-5

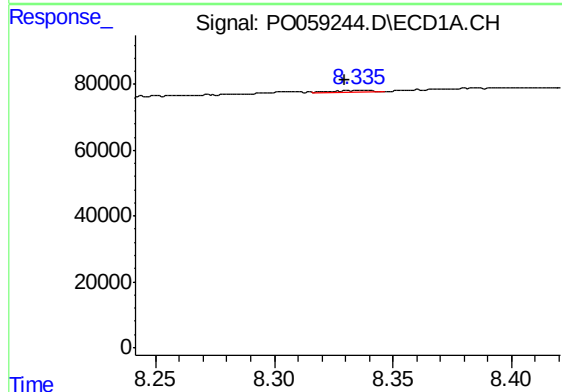
R.T.: 9.000 min
Delta R.T.: -0.013 min
Response: 9760
Conc: 4.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-CONDUIT



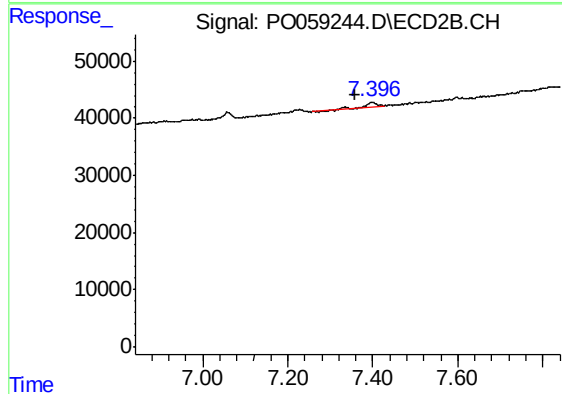
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 7.914 min
Response: 0
Conc: N.D.



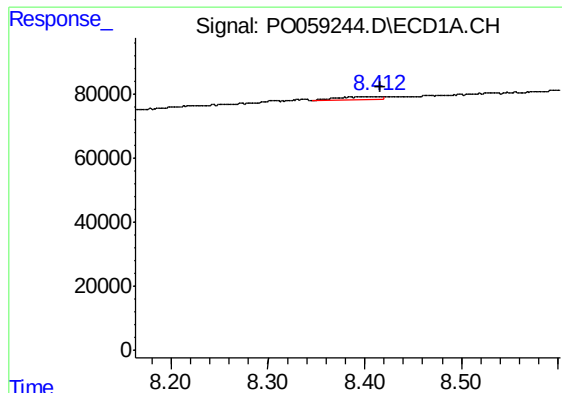
#41 AR-1268-1

R.T.: 8.336 min
Delta R.T.: 0.007 min
Response: 8335
Conc: 0.75 ng/ml



#41 AR-1268-1

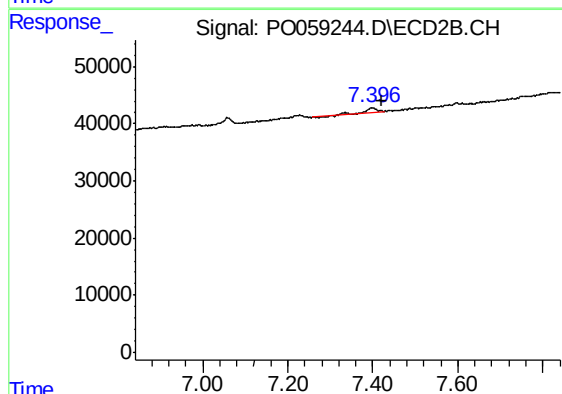
R.T.: 7.399 min
Delta R.T.: 0.042 min
Response: 13373
Conc: 1.64 ng/ml



#42 AR-1268-2

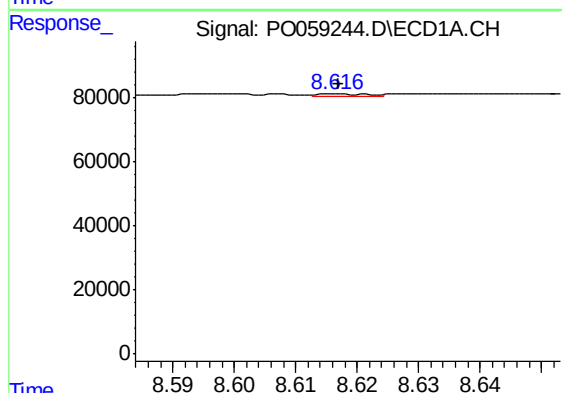
R.T.: 8.400 min
Delta R.T.: -0.017 min
Response: 29415
Conc: 3.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-CONDUIT



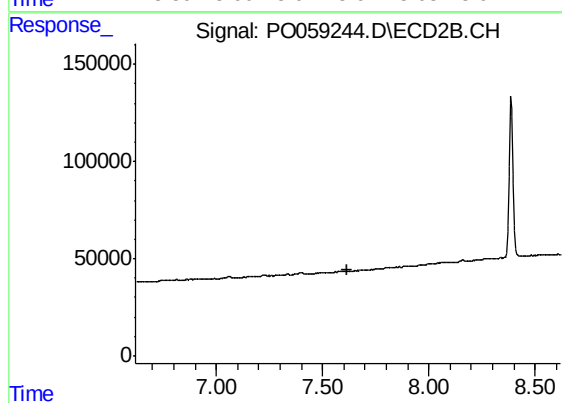
#42 AR-1268-2

R.T.: 7.399 min
Delta R.T.: -0.024 min
Response: 13373
Conc: 1.76 ng/ml



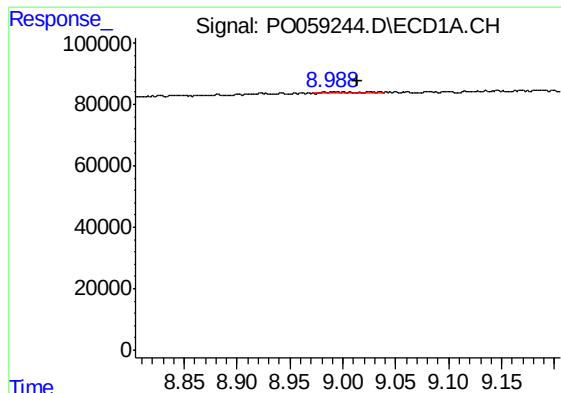
#43 AR-1268-3

R.T.: 8.617 min
Delta R.T.: 0.000 min
Response: 5186
Conc: 0.63 ng/ml



#43 AR-1268-3

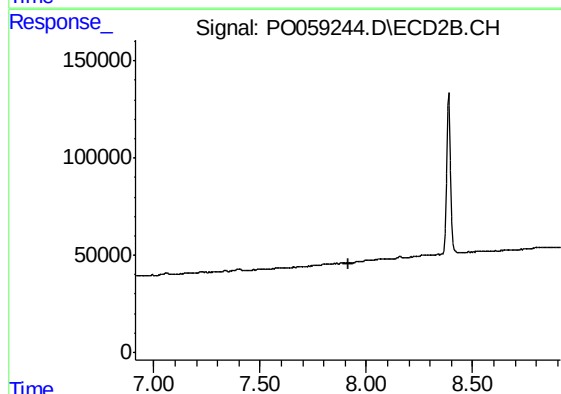
R.T.: 0.000 min
Exp R.T. : 7.619 min
Response: 0
Conc: N.D.



#44 AR-1268-4

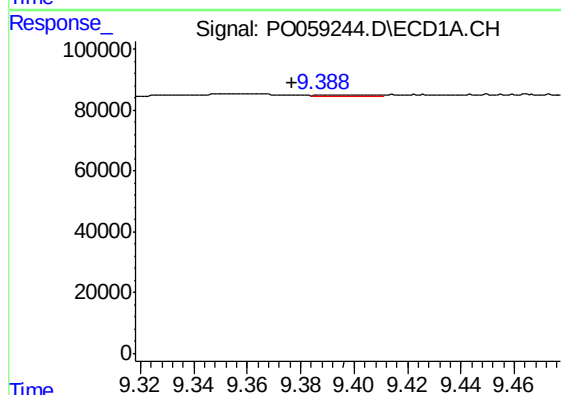
R.T.: 9.000 min
Delta R.T.: -0.013 min
Response: 9760
Conc: 3.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
CONCRETE-CONDUIT



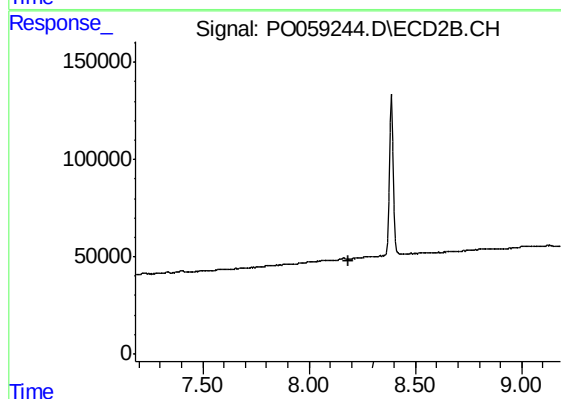
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 7.913 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.391 min
Delta R.T.: 0.015 min
Response: 5381
Conc: 0.25 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.183 min
Response: 0
Conc: N.D.